

Sheet \_1\_ of \_2

**Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office** 

Atty. Docket No. 98-rTRN-400 Serial No. CHIA-HSIANG LIU; TIMOTHY J. MORSCHECK Applicant(s)

LIST OF PRIOR ART CITED BY APPLICANT

**Filing Date** Group

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1414	AA	4081065	03/78	Smyth, et al.	192	0.076	
1411	AB	4361060	1 07/82	Smyth	74	866	
124	AC	4595986	06/86	Daubenspeck	364	424.1	
44	AD	4646891	03/87	Braun	192	0.032	
44-	AE	4700823	10/87	Winckler	192	107	
44	AF	4860861	08/89	Gooch, et al.	192	3.26	
14	AG	5275267	01/94	Slicker	192	0.033	
44	АН	5293316	03/94	Slicker	364	424.1	
<b>}</b> +	AI	5314050	5 03/94	Slicker, et al.	477	171	
H	AJ	5337868	08/94	Liu, et al.	477	74	
H	AK	5337874	08/94	Oltean, et al.	192	111	

## **FOREIGN PATENT DOCUMENTS**

EVAMINED		DOCUMENT			<u> </u>		TRANSLATION	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	АМ							
	AN							
	AO							
	AP							

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.



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U.S. Department of Commerce Patent and Trademark Office	Applicant(s) CHIA-HSIANG LIU; TIMOTHY J. MO		TIMOTHY J. MORSCHECK
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## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>8</b> 15-	AA	5383823	01/95	Ward, et al.	447	86	
144-	AB	5393274	. 02/95	Smedley	477	74	
HH	AC	5404301	04/95	Slicker	364	424.1	
44	AD	5411124	05/95	Olson	192	103	
W.	AE	5441137	08/95	Organek, et al.	192	35	
144	AF	5485904	01/96	Organek, et al.	192	35	
#6-	AG	5509867	04/96	Genise	477	120	
##	АН	5624350	04/97	Bates	477	78	
HU	ΑI	5630773	05/97	Slicker, et al.	477	176	
+4	AJ	5738609	04/98	Jones, et al.	477	175	
	AK						

## FOREIGN PATENT DOCUMENTS

EVAMINED		DOCUMENT					TRANSLATION	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
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